

HFUS 1 BOU 140450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 14 JULY 1975

IA. ONE SN/C1 FLARE HAS OCCURRED IN REGION 606 (N06W57) DURING THE
PAST 8 HOURS; OTHERWISE THERE HAS BEEN NO SIGNIFICANT ACTIVITY.
POINT BRIGHTENINGS CONTINUE IN REGION 606 AND 608 (S11E28), AND NEW
REGION 609 (S07E81) HAS BEEN SURGING.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE TO A LOW LEVEL AS REGION
606 CONTINUES TO GROW AND REGION 609 ROTATES ONTO THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND SHOULD REMAIN SO,
OR SLIGHTLY ACTIVE, THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 JULY - 16 JULY

CLASS M 10/12/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JULY 88

PREDICTED 14 JULY - 16 JULY 85/84/80

90-DAY MEAN 13 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JULY 06

ESTIMATED AFR/AP 13 JULY 09/11

PREDICTED AFR/AP 14 JULY - 16 JULY 11/13 - 12/15 - 13/17

SOLTERWARN

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HFUS 1 BOU 141430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 195B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 14 JULY 1975
IA. A BRIGHT SUBFLARE AT 1049Z IN REGION 606 (N06 W64) WITH VERY
SMALL X-RAY BURST IS THE ONLY EVENT DURING THE PAST 12 HOURS.
REGION 606 CONTINUES WITH D-TYPE SPOT GROUP OF SIMPLE STRUCTURE.
REGION 609 (S07 E77) APPEARS AS A TYPE-C GROUP IN COMPACT BRIGHT
PLAGE.
IB. EVENTS TO CLASS-M LEVEL ARE EXPECTED IN REGION 606.
ACTIVITY SHOULD DECLINE SHARPLY AS THIS AREA COMPLETES WEST LIMB
TRANSIT.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST TWELVE
HOURS AND SHOULD CONTINUE MUCH THE SAME DURING THIS FORECAST
PERIOD.
III. EVENT PROBABILITIES 14 JULY - 16 JULY
CLASS M 10/12/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 13 JULY 88
PREDICTED 14 JULY - 16 JULY 85/84/80
90-DAY MEAN 13 JULY 71
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 12 JULY 06
ESTIMATED AFR/AP 13 JULY 09/11
PREDICTED AFR/AP 14 JULY - 16 JULY 11/13 - 12/15 - 13/17
SOLTERWARNGEOALERT WWA195 140300
91214 10620 20880 30080 40030
45406 03100 22911 03000 28107 00000
80613 77773 45406 ERUPTIVE 22911 QUIET
28107 QUIET
SOLQUIET MAGQUIET
FIN
SOLTERWARN

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW BUT THE NUMBER OF ACTIVE
REGIONS HAS INCREASED TO FIVE. REGIONS 609 (S05E71) AND 610
(S08E76) FORM A COMPOUND CENTER WITH SIMPLE STRUCTURE, BRIGHT
PLAGE AND POSSIBLE ARCH FILAMENTS. REGION 611 (S10W95) PRODUCED
A SURGE WITH C1 XRAY BURST AT 1840Z. THIS POSITION DOES NOT
CORRESPOND TO ANY REGION OBSERVED EARLIER ON THE SOLAR DISK. A
NEW REGION MUST HVE FORMED JUST BEYOND THE LIMB. REGION 606
(N05W70) HAS FORMED A LARGER LEADER SPOT AND CONTINUES TO
DISPLAY SMALL ARCH FILAMENTS. GROWTH HAS SLOWED AND THE
CONFIGURATION OF SPOTS AND PLAGE REMAINS SIMPLE.

IB. EVENTS TO CLASS M CAN BE EXPECTED FROM REGION 606, ACTIVITY
MAY INCREASE IN 609/610 IF GROWTH OCCURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. PERIODS OF QUIET
CONDITIONS ARE EXPECTED INTERMITTENT WITH UNSETTLED CONDITIONS
THROUGH THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 15-17 JULY

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JULY 86

PREDICTED 15-17 JULY 85/80/78

90-DAY MEAN 14 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JULY 11

ESTIMATED AFR/AP 14 JULY 12/15

PREDICTED AFR/AP 15-17 JULY 13/15 - 08/12 - 08/12

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